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PTO/SB/21 (09-04)

Approved focuse through 07/31/2006. OMB 0651-0031

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3	Application Number	09/622,452	
	TRANSMITTAL Filing Date October 31, 2000 First Named Inventor David B. Weiner Art Unit 1632 Examiner Name Wehbe, Anne Marie Sabrina		
FORW /	First Named Inventor	David B. Weiner	
(Art Unit	1632	1
(to be used for all correspondence after initial filing)	Examiner Name	Wehbe, Anne Marie Sabrina	
Total Number of Pages in This Submission	Attomey Docket Number	UPAP0011-100	
ENG	CLOSURES (check all that apply)		
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Supplemental Information Disclosure Statement	٠	☐ Landscape	e Table on CD				
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PTO/SB/17 (01-06)

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ges pursuant to the Consolidated Approp	oriations Act 2005 (H.R. 4818)	Complete if Known		
♂ ∕		Application Number	09/622,452	
FEE TRANS	SWILLAL	Filing Date	Sprikts-2008 10/31/2000	
for FY 2	2006	First Named Inventor	David B. Weiner	
Applicant claims small entity st	atus. See 37 CFR 1.27	Examiner Name	To Be Determined	
		Art Unit	To Be Determined	
TOTAL AMOUNT OF PAYMENT	(\$) 180.00	Attorney Docket No.	UPAP0011-100	

METHOD OF	PAYMENT (chec	k all that appl	y)				·
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Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
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SUBMITTED BY				
Signature	in via	Registration No. (Attorney/Agent) 33,229	Telephone	215-665-2000
Name (Print/Type)	Mark DeLuca		Date Twh	25 2002

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: David B. Weiner et al.

Serial No.: 09/622,452

JUL 2 5 2006

Group Art Unit: 1632

Filing Date: October 31, 2000

Examiner: Anne Marie Sabrina Wehbe

For: Vaccines, Immunotherapeutics and Methods for using the same

Via Express Mail: EV772144122US Date of Deposit: 1/25/2006

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 C.F.R. §§ 1.56 and in accordance with 37 C.F.R. §§ 1.97 and 1.98, information relating to the above-identified application is hereby disclosed, the Examiner in charge of the above-identified application is requested to consider and make of record the references listed on the PTO Forms SB/08A and SB/08B, formerly known as PTO Form 1449 submitted herewith.

Inclusion of the information submitted herewith is not to be construed as an admission that the information is material as that term is defined in 37 C.F.R. § 1.56(b).

In accordance with 37 C.F.R. § 1.97(g), the filing of this Supplemental Information Disclosure Statement shall not be construed to mean that a search has been made.

This Supplemental Information Disclosure Statement is being filed:

within three months of the filing date of the patent application.
within three months of the date of entry into the national stage as set forth in 37 C.F.R. § 1.491 of the international application.
before the mailing date of a first Office Action on the merits.
before the mailing date of a first Office Action on the merits with the filing of a Request for Continued Examination under § 1.114.

\boxtimes	after the mailing date of a first Office Action on the merits or after the filing of a Request for Continued Examination under § 1.114, but before the mailing date of a Final Office Action under 37 C.F.R. § 1.116 or a Notice of Allowance under 37 C.F.R. § 1.311, and accordingly is accompanied by:
	the Statement under 37 C.F.R. § 1.97(e) (see "Statement" below);
	or
	the Fee of \$180.00 set forth in 37 C.F.R. § 1.17(p); or
	No fee is owed by the applicant(s).
	In accordance with 37 C.F.R. § 1.129(a), this Information Disclosure Statement is being filed in connection with the first or second After Final Submission, and accordingly is accompanied by the Statement under 37 C.F.R. § 1.97(e) (see "Statement" below) and the fee of \$180.00 as set forth in 37 C.F.R. § 1.17(p), is attached.
	after the mailing date of a Final Office Action under 37 C.F.R. § 1.116 or a Notice of Allowance under 37 C.F.R. § 1.311, but before, or simultaneously with, the payment of the Issue Fee, and accordingly is accompanied by the Statement under 37 C.F.R. § 1.97(e), and the Fee of \$180.00 set forth in 37 C.F.R. §1.17(p).
	Copies of the references listed on the attached PTO Forms SB/08A and SB/08B, formerly known as PTO Form 1449, are enclosed.
EXCE	PT THAT:
	In view of the voluminous nature of references, and the likelihood that these reference are available to the Examiner, copies are not enclosed herewith.
	In accordance with 37 C.F.R. § 1.98(d), copies of the following references listed on the attached PTO Form SB/08A and PTO Form SB/08B, formerly known as PTO Form 1449 are not enclosed herewith because they were previously cited by or submitted to the U.S. Patent and Trademark Office in patent application(s) @@ for which a claim for priority under 35 U.S.C. § 120 have been made in the instant application.
	If any of the foregoing publications are not available to the Examiner, Applicant will endeavor to supply copies at the Examiner's request.
Statement un	der 37 C.F.R. § 1.97(e)
	The undersigned attorney hereby states that each item information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign patent application not more than three months prior to the filing of the Information Disclosure Statement.

Statement u	ınder 3'	7 C.F.R.	§ 1	1.704(d))
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	The undersigned attorney hereby states that each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and the communication was not received by any individual designated in §1.56(c) more than 30 days prior to the filing of the Information Disclosure Statement.
Fees	
	No Fee is owed by the applicant(s).
\boxtimes	The Supplemental Information Disclosure Statement Fee of \$180.00 under 37 C.F.R. § 1.17(p) is enclosed herewith.
	The Petition Fee of \$130.00 under 37 C.F.R. § 1.17(i)(1) is enclosed herewith.
Metho	od of Payment of Fees
	Attached is a check in the amount of \$ This form is submitted in duplicate.
\boxtimes	Charge Deposit Account No. 50-1275 in the amount of \$180.00. This form is submitted in duplicate.
\boxtimes	Please charge any deficiency or credit any overpayment to Deposit Account 50-1275.
	No fee or Statement is required under 37 C.F.R. § 1.97(b) since no First Office Action on the merits has been received by the Applicant.

Dated: Thy 25, 2006

COZEN O'CONNOR, P.C. 1900 Market Street, 5th Floor Philadelphia, PA 19103-3508 (215) 665-2000 – Telephone (215) 665-2013 - Facsimile Respectfully submitted,

Mark DeLuca Registration No. 33,229

PTO/SB/08a (08-03)

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<u> </u>	Complete if Known	
Application Number	09/622,452	
Filing Date	October 31, 2000	
First Named Inventor	David B. Weiner	
Art Unit	1633	
Examiner Name	Anne Marie S Wehbe	
Attorney Docket Number	UPAP0011-100	

	U.S. PATENT DOCUMENTS							
Examiner	Cite	Document Number	Publication/Issue Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant			
Initials *	No. ¹	Number - Kind Code ² (if known)	MM-DD-YYYY	once becamen	Passages or Relevant Figures Appear			
	1	US-5,962,428	10-05-1999	Carrano et al.				
	2	US-5,739,118	04-14-1998	Carrano et al.				
	3	US-6,197,755	03-06-2001	Carrano et al.				
	4	US-6,417,328	07-09-2002	Alnemri				
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	FOREIGN PATENT DOCUMENTS							
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Initials*	No.1	Country Code ³ - Number ⁴ - Kind Code ⁵ (<i>if known</i>)	Date/Filing Date MM-DD-YYYY	Cited Document	Passages or Relevant Figures Appear	T ⁶		
	5	WO 99/43839	09-02-1999	University of Penn				
	6	WO 96/26285	08-29-1996	University of Penn				
	7	WO 96/40267	12-19-1996	Whitehead Inst.				
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Examiner Signature	-	Date Considered	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known Application Number 09/622,452 Filing Date October 31, 2000 First Named Inventor David B. Weiner Art Unit 1633 Examiner Name Anne Marie S. Wehbe

(Use as many sheets as necessary)

3 UPAP0011-100 Sheet 2 of Attorney Docket Number

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²	
	8	Caamaňo, et al., "Nuclear Factor (NF)-kb2 (p100/p52) is Required for Normal Splenic Microarchitecture and B Cell-mediated Immune Responses," <i>The Journal of Experimental Medicine</i> , (1998) 187(2):185-196.		
	9	Chattergoon, et al., "Targeted antigen delivery to antigen-presenting cells including dendritic cells by engineered Fas-mediated apoptosis," <i>Nature Biotechnology</i> (2000) 18:974-979.		
	10	Chattergoon, et al., "DR5 triggered apoptosis functions as a vaccine adjuvant by inducing caspase-8 dependent dendritic cell maturation," (27 pp.)		
	11	Chaudhary, et al., "Death Receptor 5, a New Member of the TNFR Family, and DR4 Induce FADD-Dependent apoptosis and Activate the NF-kB Pathway," <i>Immunity</i> (1997) 7:821-830.		
	12	Chow et al., "Development of Th1 and Th2 populations and the nature of immune responses to hepatitis B virus DNA vaccines can be modulated by codelivery of various cytokine genes," <i>J Immunol</i> (1988) 140(4):1320-1329.		
	13	Denich, et al., "Expression of the Murine Interleukin-4 Gene in an Attenuated aroA Strain of Salmonella typhimurium: Persistence and Immune Response in BALB/c Mice and Susceptibility to Macrophase Killing," Infection and Immunity, (1993) 61(11):4818-4827		
	14	Geissler et al., "Enhancement of cellular and humoral immune responses to hepatitis C virus core protein using DNA-based vaccines augmented with cytokine- expressing plasmids," J Immunol (1997) 158(3):1231-7.		
	15	Iwasaki et al., "Enhanced CTL responses mediated by plasmid DNA immunogens encoding costimulatory molecules and cytokines," J Immunol (1997) 158(10):4591-4601.		
	16	Ramshaw et al., "Expression of cytokines by recombinant vaccinia viruses: a model for studying cytokines in virus infections in vivo," <i>Immunol Rev</i> (1992) 127:157-178.		
	17	Sha, "Regulation of Immune Responses by NF-KB/Rel Transcription Factors," J Exp Med (1998) 187(2):143-146		
<u>.</u>	18	Schneider, et al., "TRAIL Receptors 1 (DR4) and 2 (DR5) Signal FADD-Dependent Apoptosis and Activate NF-KB," <i>Immunity</i> (1997) 7:831-836	-	

Examiner	Date	
Signature	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance

and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known Application Number 09/622,452 October 31, 2000 Filing Date First Named Inventor David B. Weiner Art Unit 1633 Examiner Name Anne Marie S. Wehbe UPAP0011-100 Attorney Docket Number

(Use as many sheets as necessary) 3 of Sheet

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
	19	Tsuji et al., "HIV-1-specific cell-mediated immunity is enhanced by co-inoculation of TCA3 expression plasmid with DNA vaccine," <i>Immunology</i> (1997) 90:1-6.	
	20	Xiang et al., "Manipulation of the immune response to a plasmid-encoded viral antigen by coinoculation with plasmids expressing cytokines," <i>Immunity</i> (1995) 2(2):129-135.	
	21	Goya, Inigo et al., "Identification of CCR8 as the Specific Receptor for the Human β-Chemokine I-309: Cloning and Molecular Characterization of Murine CCR8 as the Receptor for TCA-31", J. Immun., 1998, 160: 1975-1981.	
	22	Kuna, P. et al., "Characterization of the human basophil response to cytokines, growth factors, and histamine releasing factors of the intercrine/chemokine family", J. Immunol. 1993 Mar 1; 150(5): 1932-43.	
	23	Lee, Tiffany et al., "Identification of CCR8: A Human Monocyte and Thymus Receptor for the CC Chemokine I-309", J. Exp. Med. 186(1), July 1997, 165-170.	
	24	Paolini, J.F. et al., "The chemokines IL-8, monocyte chemoattractant protein-1, and I-309 are monomers at physiologically relevant concentrations", J. Immunol. 1994 Sep 15; 153(6): 2704-17.	
	25	Struber Roos, Regula et al., "Identification of CCR8, the Receptor for the Human CC Chemokine I-309", Am. Soc. Biochem. & Mol. Biol. 272(28) July 1997, 17251-17254.	
	26	Van Snick, J. et al., "I-309/T cell activation gene-3 chemokine protects murine T cell lymphomas against dexamethoasone-induced apoptosis", J. Immunol. 1996 Sep 15; 157(6):2570-6.	
	27	Misfeldt "Microbial 'Superantigens," Infection and Immunity (1990) 58(8):2409-2413.	

Examiner Signature	Date Considered	
Olgitature	Oonsidered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance

and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.